

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/090780 A3

(51) International Patent Classification⁷: **G06F 19/00**

(21) International Application Number:
PCT/EP2004/050391

(22) International Filing Date: 29 March 2004 (29.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
103 15 581.3 5 April 2003 (05.04.2003) DE

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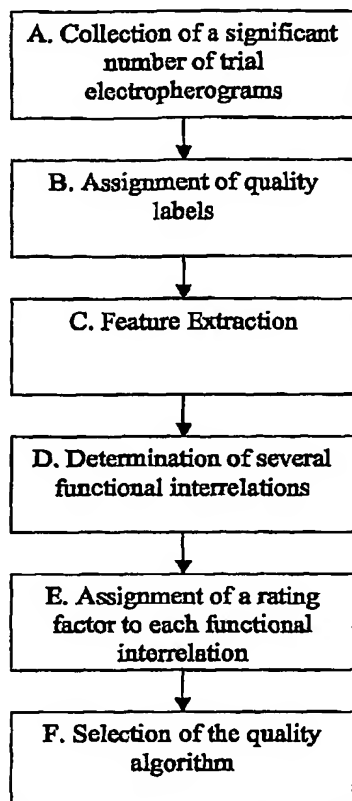
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: DETERMINING THE QUALITY OF BIOMOLECULE SAMPLES



(57) Abstract: Disclosed is determining the quality, expressed in terms of a quality value, of an biomolecule sample, based on measured data of the biomolecule sample, by extracting a number of prescribed features from the measured data using data analysis, and determining the quality value from the extracted features using a quality algorithm.

WO 2004/090780 A3



GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
12 May 2005

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/050391A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F G01N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	AUER H, LYIANARACHCHI S: "Chipping away at the chip bias: RNA degradation in microarray analysis" NATURE GENETICS, vol. 35, no. 4, December 2003 (2003-12), pages 292-293, XP002318708 the whole document	1-28
X	BREWER D: "A Brief Review on Microarrays and all that " INTERNET ARTICLE, 'Online! 3 February 2003 (2003-02-03), XP002318709 Retrieved from the Internet: URL: http://dan.complex.ucl.ac.uk/documents/microarray.pdf > 'retrieved on 2005-02-22! paragraph '0007!	1-28

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Date of the actual completion of the international search

23 February 2005

Date of mailing of the international search report

09/03/2005

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/050391

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DICKMAN B, WATSON J: "Procedure for microsatellite-based genotyping" INTERNET ARTICLE, 'Online! 5 December 2001 (2001-12-05), XP002318710 Retrieved from the Internet: URL:http://cgi.uc.edu/labs/gcf/gcf_protocol.cgi255_2.html> 'retrieved on 2005-02-22! the whole document	1-28
X	PERLIN M W: "An Expert System for Scoring DNA Database Profiles" INTERNET ARTICLE, 'Online! 2000, XP002318711 Retrieved from the Internet: URL:http://www.promega.com/geneticidproc/ussymp11proc/content/perlin.pdf> 'retrieved on 2005-02-22! the whole document	1-28
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